

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/706,142
Filing Date	November 12, 2003
First Named Inventor	Richard L. Bonkowski
Art Unit	1772 1772
Examiner Name	Unknown
Attorney Docket Number	48930-01703

Sheet 1 of 5

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2(a) known}				
MDV ↑ <						

FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
MDV	21	DE 43 43 387	06/25/95			<input type="checkbox"/>
MDV	22	EP 0 756 945	02/05/97			<input type="checkbox"/>
MDV	23	WO 00/08596	02/17/00			<input type="checkbox"/>
MDV	24	WO 98/12583	03/26/98			<input type="checkbox"/>
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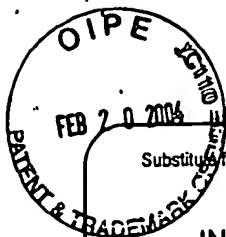
M. Vagstad

Date Considered

7/29/05

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MPV	25	US-	4,066,280	01/03/78	LaCapria	
	26	US-	4,126,373	11/21/78	Moraw	
	27	US-	4,155,627	05/22/79	Gale, et al.	
	28	US-	4,168,983	09/25/79	Vittands, et al.	
	29	US-	4,930,866	06/05/90	Berning, et al.	
	30	US-	5,009,486	04/23/91	Dobrowolski, et al.	
	31	US-	5,106,125	04/21/92	Antes	
	32	US-	5,214,530	05/25/93	Coombs, et al.	
	33	US-	5,254,390	10/1993	Shih-Lai Lu	
	34	US-	5,339,737	08/23/94	Lewis, et al.	
	35	US	5,464,710	11/07/95	Yang	
	36	US-	5,549,953	08/1996	Li Li	
	37	US-	5,591,527	01/1997	Shih-Lai Lu	
	38	US-	5,700,550	12/23/97	Uyama, et al.	
	39	US-	5,856,048	01/1999	Tahara, et al.	
	40	US-	6,031,457	02/29/00	Bonkowski, et al.	
	41	US-	6,150,022	11/2000	Coulter, et al.	
	42	US-	6,157,489	12/05/00	Bradley, Jr., et al.	
	43	US-	6,242,510 B1	06/05/01	Killey	
Wdv	44	US-	6,243,204 B1	06/05/01	Bradley, Jr., et al.	

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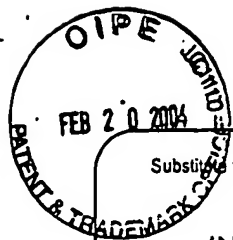
M. Vagstad

Date
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First Named Inventor	Richard L. Bonkowski
Art Unit	1772
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Attorney Docket Number	48930-01703

Sheet 3 of 5

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ADU	45	US-	Re.35,512	05/20/97	Nowak, et al.	
↑	46	US-	4,168,983	09/25/79	Vittands, et al.	
	47	US-	4,434,010	02/28/84	Ash	
	48	US-	4,705,300	11/10/87	Berning, et al.	
	49	US-	4,705,356	11/10/87	Berning, et al.	
	50	US-	4,721,217	01/26/88	Phillips, et al.	
	51	US-	4,838,648	06/13/89	Phillips, et al.	
	52	US-	5,059,245	10/22/91	Phillips, et al.	
	53	US-	5,084,351	01/28/92	Phillips, et al.	
	54	US-	5,135,812	08/04/92	Phillips, et al.	
	55	US	5,171,363	12/15/92	Phillips, et al.	
	56	US-	5,278,590	01/11/94	Phillips, et al.	
↓	57	US-	5,279,657	01/18/94	Phillips, et al.	
	58	US-	5,549,774	08/27/96	Miekka, et al.	
	59	US-	5,571,624	11/05/96	Phillips, et al.	
	60	US-	5,624,076	04/29/97	Miekka, et al.	
	61	US-	5,629,068	05/13/97	Miekka, et al.	
ADU	62	US-	5,672,410	09/30/97	Miekka, et al.	
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		US-				

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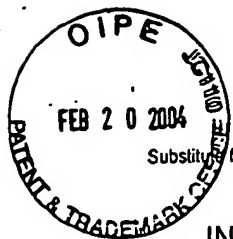
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Art Unit	1772
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Attorney Docket Number	48930-01703

Sheet 4 of 5

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
MDV	63	John M. McKiernan, et al., "Luminescence and Laser Action of Coumarin Dyes Doped in Silicate and Aluminosilicate Glasses Prepared by the Sol-Gel Technique," Journal of Inorganic and Organometallic Polymers, Vol. 1, No. 1, 1991, pages 87-103.	
	64	Jeffery I. Zink, et al., "Optical Probes and Properties of Aluminosilicate Glasses Prepared By The Sol-Gel Method," Polym. Mater. Sci. Eng., pages 204-208 (1989).	
	65	Don W. Tomkins, Kurz Hastings, "Transparent Overlays for Security Printing and Plastic ID Cards," Pages 1-8, November, 1997.	
	66	The Mearl Corporation brochure for "Mearl Iridescent Film," Peekskill, NY.	
	67	J.A. Dobrowolski; K.M. Baird; P.D. Carman; and A. Waldorf, "Optical Interference Coatings for Inhibiting of Counterfeiting," Optica Acta, 1973, Vol. 20, No. 12, 925-937.	
	68	The R.D. Mathis Company Manual for "Thin Film Evaporation Source Reference," Long Beach, CA.	
	69	Minolta Manual for "Precise Color Communication, Color Control From Feeling to Instrumentation," Pages 18, 20, 22, 23, 46, 47, 48 and 49.	
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	71	S.P. McGrew, "Hologram Counterfeiting: Problems and Solutions," SPIE, Volume 1210 Optical Security and Anticounterfeiting Systems, 1990, Pages 66-76.	
	72	Rudolf L. van Renesse, "Security Design of Valuable Documents and Products," SPIE, Vol. 2659, June 1996, Pages 10-20.	
	73	Steve McGrew, "Countermeasures Against Hologram Counterfeiting," Internet site www.ica.com/nli/publications/countermeasures.htm , January 6, 2000.	
	74	Roger W. Phillips, "Optically Variable Films, Pigments, and Inks," SPIE Vol. 1323, Optical Thin Films III: New Developments, 1990, Pages 98-109.	
MDV	75	Roger W. Phillips, and Anton F. Bleikolm, "Optical Coatings for Document Security," Applied Optics, Vol. 35, No. 28, October 1, 1996, Pages 5529-5534.	

Examiner Signature	M. Vargot	Date Considered	7/29/05
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Sheet	5	of	5
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NON PATENT LITERATURE DOCUMENTS

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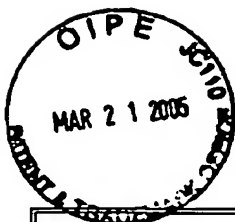
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Form PTO 1449A U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	ATTY. DOCKET NUMBER: 78384 (18-32 US DIV1)	SERIAL NUMBER: 10/706,142
	APPLICANT: PHILLIPS ET AL	
	FILING DATE: NOVEMBER 12, 2003	GROUP: 1773 1732

U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILE APP
MDV	6,692,830	Feb 17, 2004	Argoitia et al.	428	403	
↑	6,749,777	Jun 15, 2004	Argoitia et al.	252	582	
↑	6,761,959	July 13, 2004	Bonkowski et al.	428	156	
↑	20040081807	Apr 29, 2004	Bonkowski et al.	428	195.1	
↑	20040105963	Jun 3, 2004	Bonkowski et al.	428	195.1	
↑	10/666,318	Sep 18, 2003	Phillips et al.			
MDV	11/047,389	Jan 31, 2005	Phillips et al.			

Foreign Patent Documents

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

EXAMINER	M. Vargast	DATE CONSIDERED 7/29/05
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